



District of Columbia Air National Guard

Dual Technician/AGR Announcement

Announcement Number: Tech 05-063/AGR 05-364



APPLICATION MUST BE FORWARDED TO: Human Resource Office DC National Guard 2001 East Capitol Street Washington, DC 20003-1719 APPLICATION MUST BE RECEIVED ON N/A	OPENING DATE: 19 May 05	CLOSING DATE: OUF
	Position Title, Series, Grade, Salary Range Aircraft Engine Mechanic, 80596000 WG-8602-10 - \$21.24 - \$24.82 WG-8602-08 - \$19.09 - \$22.20 WG-8602-05 - \$14.97 - \$17.47	
	Maximum Military Rank: SSgt Selectee will be assigned to a compatible military position.	
	Military Duty Assignment: 2A6X1	
Position Location: 113 MXS, DCANG Andrews AFB, Maryland	Appointment Status [X] Excepted [X] Enlisted [] Officer [] Competitive	
AREA OF CONSIDERATION: TECHNICIAN: GROUP III (Individuals who possess the necessary qualifications for military membership in the DCANG) AGR: Current On-Board Permanent Change of Station: Relocation expenses will not be paid		
Special Remarks: http://dcng.ngb.army.mil/		
INSTRUCTION FOR APPLYING: This office will not accept application mailed at government expense. Electronic or fax application will not be accepted. Failure to submit all documents will result in your application not being considered for employment. Applicant's application must contain current unit assignment, AFSC/SSI and military grade. All submitted documents must be current. No binders please.		
<u>If you are applying under the Technician Job Announcement the following documents are required:</u> 1.) OF612, SF171 or a Resume 2.) KSA's – Knowledge, Skills, and Ability questions must be addressed by element on a separate paper.		
<u>If you are applying under the AGR Job Announcement the following documents are required:</u> 1.) NGB34-1, dated Oct 2002 2.) RIP (Report of Individual Performance) 3.) DD 214 4.) "ANG Fitness Assessment Results" 5.) KSA's – Knowledge, Skills, and Ability questions must be addressed by element on a separate paper.		
Condition of Employment: <u>National Guard Membership:</u> Prior to appointment to this position, selectee must be a member of the District of Columbia Air National Guard. <u>Electronic Funds Transfer:</u> Selectee is required to participate in electronic funds transfer/direct deposit.		
Technician Employment Questions: Debbie Cawley, Program Analyst can be reached at 202-685-9760 or DSN 325-9760.		
AGR Employment Questions: MSgt Stepfaine Bowman, AGR Staffing Specialist can be reached at 202-685-9772 or DSN 325-9772. CMSgt Kennetta Douglas, AGR Manager can be reached at 202-685-9770 or DSN 325-9770.		
Evaluation Process: Applications will be evaluated solely on information supplied in the application (OF612, SF171, resume and NGB34-1). Experience will be evaluated based on relevance to the position for which application is made, and whether it is full-time or part-time.		
Equal Employment Opportunity: All qualified applicants will receive consideration for this announcement without regard to race, color, gender, religion, national origin, age physical handicap, or membership/non-membership in an employee organization, in conformance with NGB Regulation 690-600 and ANGR 40-1613.		



The District of Columbia Air National Guard



Is an Equal Opportunity Affirmative Action Employer

Technician Announcement Number: 05-063

AGR Announcement Number: 05-364

Position: Aircraft Engine Mechanic, WG-8602-10/8/5

Brief Description of Duties:

Troubleshoots malfunctioning engines and interrelated propulsion system components, determines degree of disassembly or certification required, repairs or replaces defective components, diagnostic computers and associated hardware. Analyzes malfunctions using schematic and wiring diagrams, blueprints, manufacturer's specifications, computer diagnostics data, inspection findings, trending data and aircrew debriefs. Performs engine run operation on installed and uninstalled engines to troubleshoot malfunctions or verify findings. Removes and installs engines and auxiliary power units. Operates, Automated Ground Test Systems (AGETS), trouble-shoots and repairs aircraft jet engines. Troubleshoots, modifies, repairs, and performs sequential disassembly and assembly of gearboxes and auxiliary power units. Performs evaluations that must be accomplished at critical points in the repair/build-up process using a variety of quality characteristics, consisting of complete systems or components and assemblies that undergo many steps in a repair process and have highly critical tolerances. Performs test cell operation of engine and aircraft run up, analyzes operating parameters, makes final adjustments and verifies that engine is operating within acceptable parameters for safe operation in the aircraft. Performs scheduled and special evaluations on installed engines, auxiliary power units, and associated airframe-mounted systems. Interprets Engine Management trend data and investigates trend anomalies to eliminate catastrophic engine failure or damage by the prediction and detection of adverse trends towards known failure modes before they occur. Performs command directed and locally established in-progress inspections (IPI) (certifying acceptable performance of all conventional or modified aircraft engines prior to their being installed in the aircraft or placed in inventory) of propulsion system components and associated equipment to determine adequacy of workmanship, materials and maintenance. Makes final certification of completed work and critical engine build measurements, annotating by signature that work and tolerances are correct. Certifies aircraft is safe for flight by Clearing Red X and other Red symbols. Requisitions, processes, and accounts for supply assets as required by the repairable processing system. Verifies compatibility of engine components. Performs computer data entry of engine and component information such as component location, status and tracking information into the Core Automated Maintenance System (CAMS) for fighter aircraft, and G081, (CAMS for Mobility) for multi-engine transport aircraft. Uses computer-based systems to account for time expenditures of maintenance performed. Provides technical advice and troubleshooting expertise to other work centers when propulsion systems affect or are affected by interrelated aircraft systems, such as: electro-environmental, pneudraulic, fuel and avionics systems. Provides on-the-job training to lower graded personnel or newly assigned personnel regardless of grade. Trains lower graded employees on proper certification techniques of installed engine components. Provides instruction in repair and inspection techniques of aircraft engine components and related equipment. Examines recurring malfunctions and initiates corrective actions by submission of quality deficiency or software deficiency reports. Devises repair procedures based on findings and recommends program changes or data corrections to correct software or technical data deficiencies. Recommends revisions to intermediate maintenance directives when necessary. Serves as the hazardous materials manager as required. Interprets and follows state and federal regulations regarding the reclamation, storage and transportation of hazardous materials. Prepares for and participates in various types of readiness evaluations such as Operational Readiness Inspections (ORI), Inspector General (IG) Inspections, Unit Effectiveness Inspections and mobility and command support exercises. Performs additional duties such as, hydrazine response, aircraft or equipment decontamination, structural fire fighting, fire/crash/rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment, and assists local authorities during natural disasters or civil emergencies. Performs other duties as assigned.

Qualifications: WG-10

General Experience: Experience, education, or training which demonstrates the applicant's knowledge of aircraft engine parts and components and an understanding of general mechanical systems; knowledge of and skill in the use of the proper type and size of tools to perform assigned work.

Specialized Experience:

Must demonstrate **Eighteen (18) months** experience in which the following Knowledge, Skills, and Abilities (KSA's) as described below have been attained.

Knowledge, Skills and Abilities (KSA's) Statements

- a. Knowledge of aircraft engine parts and components and how they function.
- b. Skill in the use and interpretation of schematic diagrams and other technical publications.
- c. Ability to isolate engine problems by use of troubleshooting, test equipment, and instruments.
- d. Ability to disassemble, repair, rework and modify aircraft engines and components in accordance with prescribed procedures in TMs and other directives.

Qualifications: WG-08

General Experience: Same as WG-10

Specialized Experience:

Must demonstrate twelve (12) months experience in which the following Knowledge, Skills, and Abilities (KSA's) as described below have been attained.

Knowledge, Skills and Abilities (KSA's) Statements

- a. Knowledge of aircraft engine parts and components and how they function.
- b. Ability to disassemble, repair, rework and modify aircraft engines and components in accordance with prescribed procedures in TMs and other directives.
- c. Ability to record and maintain test data on appropriate log sheets
- d. Ability to determine repair procedures necessary to correct defective components.

Qualifications: WG-05

General Experience: Same as WG-10

Specialized Experience:

Must demonstrate six (6) months experience in which the following Knowledge, Skills, and Abilities (KSA's) as described below have been attained.

Knowledge, Skills and Abilities (KSA's) Statements

- a. Knowledge of aircraft engine parts and components and how they function.
- b. Ability to remove aircraft engine parts following verbal instruction from higher level worker
- c. Ability to disassemble, repair, rework and modify aircraft engines and components in accordance with prescribed procedures in TMs and other directives.

This announcement must be posted on unit bulletin boards until the day following the closing date.

**Current Unit assignment, AFSC/SSI and Military grade must be included on application.
Incomplete applications will not be considered for employment.**